## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Atty. Ref.: 620-370

In re Patent Application of

MOTTERLINI et al.

Serial	No.	10/535,226	Group:	1614
Filed:	Ma	y 17, 2005	Examiner:	Unknown
For:	THER	APEUTIC DELIVERY OF CARBON MO	NOXIDE	
P.O. I	Box 1450	r for Patents 0 A 22313-1450	May 17, 200	6
Sir:		INFORMATION DISCLOSURE	STATEMENT	
$\boxtimes$	1.	PTO-1449 Pursuant to 37 CFR 1.97(b [within 3 months of filing or prior to 1st		on the merits] N/C
	2.(a)	Statement Pursuant to 37 CFR 1.97(c [before Final Office Action or Allowance Statement or Rule 17(p) fee)]		ile 97(e) N/C
	2 .(b)	Fee Payment Pursuant to 37 CFR 1.9 [before Final Office Action or Allowance Statement or Rule 17(p) fee)]		lle 97(e) \$180.00
	3.	Pursuant to 37 CFR 1.97(d) [after Final Office Action or Allowance ( Statement <u>and</u> Rule 17(p) fee), but before		

The following are submitted in the above-identified application in compliance with 37 C.F.R. §§ 1.97 and 1.98: X 4. A list of documents on Form PTO-1449 together with copies of each identified document and a translation or a concise explanation of each non-English language document (such as a Search Report) is enclosed herewith This paper is submitted in accordance with: 37 CFR 1.97(b): [within 3 months of filing or prior to 1st Office Action] П 6. 37 CFR 1.97(c): [before Final Office Action or Allowance, whichever is earlier]: and The required Statement made in item 8 below; or □ b) The \$180.00 fee specified in 37 CFR §1.17(p) for submission of this Information Disclosure Statement is authorized in item 9 below. П 7. 37 CFR §1.97(d): [after Final Office Action or Allowance (requires Rule 97(e) Statement and Rule 17(p) fee), but before final fee payment]; and The fee (\$180.00) required by 37 CFR §1.17(p) is submitted herewith: and The required Statement is stated in item 8 below. □ 8. Statement under 37 CFR 1.97(e) The undersigned attorney of record hereby certifies under 37 C.F.R. §1.97(e) that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement (each item contained in this IDS was the first citation of that item by a foreign patent office in a counterpart foreign application which occurred no more than three months prior to the filing of this IDS): or □ b) No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement, after making reasonable inquiry, no item of information

Disclosure Statement

contained in this Statement was known to any individual designated in 37 CFR \$1.56(c) more than three months prior to the filing of this Information

 Please charge all deficiency fees associated with the submission of this Information Disclosure Statement and any other fees applicable to this application to Deposit Account No. 14-1140. An original and one (1) copy of this document are enclosed.

> Respectfully submitted, NIXON & VANDERHYE P.C.

By: /B. J. Sadoff/
B. J. Sadoff
Reg. No. 36,663

901 North Glebe Road, 11th Floor Arlington, VA 22203-1808 Telephone: (703) 816-4000 Facsimile: (703) 816-4100

Sheet		4
	of	

Sheet	1	of 4								
INFORMATION DISCLOSURE				P. DOCKET NO.	SERIAL NO.	SERIAL NO.				
		CITATION		1-370	10/535,22	6				
			APP	CANT						
				TTERLINI et al.						
(Us	e sev	eral sheets if necessary		IG DATE	GROUP					
				y 17, 2005	1614					
			U	.S. PATENT DOCUMENTS						
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING IF APPRO	DATE		
	1	5.882.674	03/1999	Herrmann et al.		1				
	55	2002/0155166	10/2002	Choi et al						
			FOF	REIGN PATENT DOCUMEN	ITS					
		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANS YES	NO NO		
					ULASS	SUBCLASS	TES	NO		
	2	WO 98/48848		WIPO						
		WO 91/01128		WIPO						
		WO 91/01301		WIPO				_		
		WO 98/29115		WIPO				_		
		HU-B-211 084		Hungary			$\overline{}$	_		
	7	WO 95/05814		WIPO	_					
	8	WO 00/56743	09/2000	WIPO				_		
	щ	OTHER BOOKS	FUTO (	cluding Author, Title, Date	- D		$\overline{}$			
				mation of carbon monoxide in mar				ditions		
	l a	Scan J Clin Lab II			i under normal a	ina patriolo	gical con	ullions.		
	10	Coburn RF, Blake	more WS,	Forster RE. Endogenous carbon re	nonoxide produc	tion in man	J Clin I	nvest		
	1	1963;42:1172-8.								
	11			mid R. Microsomal heme oxygen	ase. Characteriz	ation of the	enzyme	. J Biol		
-	111	Chem 1969;244:6		e: function, multiplicity, regulatory	machanieme as	ad clinical a	policatio	<u></u>		
	'4	FASEB J 1988;2:	2557-68.	e. ranction, manipiloty, regulatory	medianisms, a	iu ciiilicai a	ppiicatio	110.		
	13	Furchgott RF, Jot	hianandan l	D. Endothelium-dependent and -in				MP:		
	$\perp$	relaxation induced	by nitric o	ide, carbon monoxide and light. E	Blood Vessels 19	91;28:52-6	1			
- 1	14	requiator of vascu	MA, Lee M	E, Kourembanas S. Smooth musc Proc Natl Acad Sci USA 1995;92:	de cell-derived c	arbon mond	ixide is a			
	15			JE, Exon DJ, Vesely MJJ, Saratho		n C-I Motte	rlini R. C	arbon		
	'`	monoxide is a ma	jor contribu	tributor to the regulation of vascular tone in aortas expressing high levels of						
_	4	haeme_oxygenas	e-1. Br J Ph	armacol 1998;125:1437-44.						
	16	Maines MD. The I Toxicol 1997:37:5		nase system: a regulator of secon	nd messenger g	ases. Annu	Rev Pha	irmacol		
	17	Soares MP, Lin Y	, Anrather J	, Csizmadia E, Takigami K, Sato	K, Grey ST, Colv	in RP, Cho	AM, Po	ss KD,		
	"	et al. Expression 1998:4:1073-7.	of heme oxy	genase-1 can determine cardiac	xenograft surviv	al. Nature N	led			
	18 Willis D, Moore AR, Frederick R, Willoughby DA. Heme oxygenase: a novel target for the modulation of									
<u> </u>	$\perp$	inflammatory resp	onse. Natu	re Med 1996;2:87-90.						
xammer		1		Date Considered						
	fal it	france considered	er ar and eith*	s in conformance with MPEP 600 Draw line the	mush obvious 8 mm	udomana 1	not soon ***	- ad		

Form PTO-FB-A820 (Also PTO-1449)

FORMATION DISCLOSURE		UKE	r. DOCKET NO.		IAL NO.				
CITATION				620-370 10/535,226					
(Lise	seve	ral sheets if necessary)		OTTERLINI et al.	GRO	SUP			
(Use several sneets if necessary)						-			
				y 17, 2005	161	14			
			FO	REIGN PATENT DO	UMENIS			TDANC	LATION
		DOCUMENT	DATE	COUNTRY		CLASS	SUBCLASS	YES	NO
	heli	NO 02/080923		WIPO			1		110
		WO 94/22482		WIPO			_	_	_
	2/	WO 94/22462	10/1994	WIPO			_	_	_
	ш.						<u> </u>	_	
_		OTHER DOCU	MENIS (	ncluding Author, Tit resti R, Clark JE, Green C	ie, Date, Per	tinent	pages, et	C.)	t a sale a
	19	Motteriini R, Gonz	ales A, Fo	suppression of acute hype	J, WINSIOW RM.	Heme c	xygenase-1	-deriver	a carbo
$\vdash$	200	Ottorbaia I E Mar	Heli I I Ch	oi AMK. Carbon monoxide	nensive respon	565 I/I V	vo. Circ Rei	1990,0	33.300-
	20	J Physiol 1999:27			provides protei	aun ay	airist nypero	xic lung	irijury.
-	21			ell LL, Cook JL, Alam J, C	noi AMK Expan	nous ac	ministration	of hem	
1	2 '			r provides protection agai					
		1999;103:1047-54	1.						
	22	Herrick RS, Brown	n TL. Flash	photolytic investigation of	photoinduced c	arbon n	onoxide dis	sociatio	n from
		dinuclear mangan	ese carbor	yl compounds. Inorg Che	n 1984;23:4550	I-3.			
	23			Mestroni G, Falechini P, T					
1				ryl sulfoxide-ruthenium(II)				aracteri	zation,
$\vdash$	١.			)4-xCl2 complexes (x=1-3					
1	24			, Smith R.N., Brouard S., th F.H., Soares M.P. Carb					
				nouse-to-rat cardiac transp					10-1
$\vdash$	25	G. Pneumatikakis	A Yanno	poulos and J. Markopoulos	Inora Chim A	cta 19	38, 151, 243	1	
$\vdash$				onoxide-releasing molecu					rular
	20			ch. 2002, vol. 90, no. 2, E		auon on	JiOilleulcai a	iilu vasi	Julai
	29	Yan Y.K. et al., C	vtotoxicity o	f rhenium (I) alkoxo and h	vdroxo carbony	comple	xes in muri	and h	ıman
	120	tumor cells, Pharr	nazie (200	0), 55(4), 307-313.	,,				
	30			ed changes in antibody de		diatedo	totoxicity in	mouse	spleen
		Israel J. Medical S	Sciences (1	979), vol. 15, no. 2, 147-1	50.		-		
	31	Nagai M. et al., U	nusual CO	bonding geometry in abno	rmal subunits o	fhemog	lobin M Bos	ton and	1
_	_	hemoglobin M Sa	skatoon, B	ochemistry (1991), vol. 30	, no. 26, 6495-6	503.			
	32	Chemistry Letters		d reaction of bis(L-cystein	ato)dicarbonylin	on(II), In	organic and	Nuclea	ır
$\vdash$	20			12), 715-16. oyan, J.; Benlian, D, FTIR		A A E			
	33			Influence of the counter of					
1				Escadrille Normandie-Nier					
1				ISSN: 0022-2860. Journa					
L_		1995:414110 C	APLUS (C	Copyright 2002 ACS)					
	34			isz, Jozsef; Marko, Laszlo					
	1	thiolates as reven	sible carbo	n monoxide carriers, Res.	Inst. Chem. Eng	., Hung	. Acad. Sci.	, Vesz	orem,
		Hung. Inorg. Ch	im. Acta (	1992), 198-200 401-5. C	ODEN: ICHAA3	ISSN:	0020-1693.	Journa	l writte
		In English CAN	117:26363	7 AN 1992:663637 CA	APLUS (Copyri	ant 200	2 ACS)		
$\vdash$	_								

copy of this form with next communication to application.

FOR		ION DISCLOSUR	E				SERIAL NO			
	С	ITATION		620-370 APPLICANT			10/535,226			
					-1					
(Lise	e sever	al sheets if necessary)	FILING	ERLINI et	al.	GRO	UP			
(000	0010	a arous ir rootsoury)				161				
				7, 2005			4			
MINER			U.8	S. PAIEN	DOCUME	NIS			FILING DATE	
ITIAL		DOCUMENT NUMBER	DATE		NAME		CLASS	SUBCLASS	# APPROPRIA	
	43	WO 02/092075			WIPO					
	51		03/2001		WIPO					
	54	WO 02/078684	10/2002		WIPO		1			
	_	OTHER DOCUME	NTS (inc	ludina Au	thor. Title.	Date, Per	inent pa	acs. etc.	.)	
	35	Takacs, Janos; Soos	Erika: Nac	v-Magos, Z	uzsa: Marko.	aszlo: Gen	asio Giul	iana: Hoffm	ann. Thomas	
1		1000-416850 CADI	AA3 ISSN:	0020-1693.	Journal writts	rem, Hung. en in English	n. ČAN 1	13:16859	AN	
	36	1990:416859 CAPL Carroll, James A.; Fis reaction of aryldiazon or triarylphosphine, D 52(10), 1914-22. CC CAPLUS (Copyright M.P. Schubert, The a	LUS (Copy sher, David nium ions wi dep. Chem., DDEN: CJC t 2002 ACS action of car	right 2002 A R.; Rayner-lith some iror , Simon Fra: HAG Journ: )	Journal writts CS) Canham, Geof complexes of ser Univ., Burnal written in Er	rey W.; Sut trey W.; Sut intaining co naby, B. C., iglish. CA	ion, Derek ordinated Can. C N 81:3272	Ligand ab cysteine, man. J. Cher AN 197	AN straction in th aleonitriledithi n. (1974), 4:432728	
	36	1990:416859 CAPL Carroll, James A.; Fis reaction of aryldiazon or triarylphosphine, D 52(10), 1914-22. CC CAPLUS (Copyright M.P. Schubert, The a 1933, 55, 4564-4570. Y. Huang, M.C. Mard	LUS (Copy sher, David hium ions wi dep. Chem., DDEN: CJC t 2002 ACS action of car .D54 len, J.C. Lar	right 2002 A R.; Rayner-i ith some iror , Simon Fra HAG Journ ) bon monoxi mbry, M.P.,	Journal writter CS) Canham, Geof I complexes or Ser Univ., Burn all written in Er de on iron and Photolysis of the	rey W.; Sut inter W.; Sut intaining co haby, B. C., iglish. CA cobalt comp	n. CAN 1 Ion, Derek ordinated a Can. C N 81:3272 Illexes of c	Ligand ab cysteine, m an. J. Cher 8 AN 197 ysteine, J. A	AN straction in th aleonitriledithi n. (1974), 4:432728 Am. Chem. Sc	
	36 37 38	1990:418859 CAPL Carroll, James A.; Fis reaction of aryldiazon or triarylphosphine, D 52(10), 1914-22 CC CAPLUS (Copyright M.P. Schubert, The a 1933, 55, 4584-4570, Y. Huang, M.C. Mard Fontaine-Aupart, R. F.	LUS (Copy sher, David nium ions wi dep. Chem., DDEN: CJC t 2002 ACS action of car .D54 len, J.C. Lai	right 2002 A R.; Rayner-lith some iror , Simon Fra- HAG Journ ) bon monoxio mbry, M.P., Martin and O	Journal writte CS) Canham, Geofi complexes or ser Univ., Burn al written in Er de on iron and Photolysis of th 5. Poyart, J. An	en in English frey W.; Sut intaining co- naby, B. C., inglish. CAI cobalt comp ine histidine- in. Chem. Sc	ton, Derek ordinated a Can. C N 81:3272 elexes of conneme-cart ic., 1991,	13:16859 Ligand abcysteine, man. J. Cher 8 AN 197 ysteine, J. J. ysteine, J. J.	straction in the aleonitriledithin. (1974), 4:432728 Am. Chem. So de copmplex,	
	36 37 38 39	1990:416859 CAPL Carroll, James A.; Fis reaction of aryldiazon or triarylphosphine, D 52(10), 1914-22. CC CAPLUS (Copyright M.P. Schubert, The a 1933, 55, 4564-4570. Y. Huang, M.C. Mard	LUS (Copy sher, David hium ions wi lep. Chem., DDEN: CJC t 2002 ACS action of car .D54 len, J.C. Lai Pansu, J.L. s, Moessba	right 2002 A R.; Rayner-lith some iror , Simon Fra- HAG Journ.) bon monoxio mbry, M.P., Martin and Guer studies of	Journal writte CS) Canham, Geof complexes or ser Univ., Burn al written in Er de on iron and Photolysis of th c. Poyart, J. An on protoporphy	on in English frey W.; Sut intaining co naby, B. C., iglish. CA cobalt comp ne histidine- n. Chem. So rin IX iron (I	n. CAN 1 lon, Derek ordinated of Can. C N 81:3272 elexes of c neme-cart ic., 1991, I) solution	13:16859  Ligand abcysteine, man. J. Cher. AN 197  ysteine, J.	AN straction in the aleconitriledithin, (1974), 4:432728 Am. Chem. So de copmplex, a sulfur ligandi	
	36 37 38 39 40	1990-41885 CAPI Carroll, James A.; Fis- reaction of anyldiazon or trianylphosphine, S2(10), 1914-22. CC CAPLUS (Copyright M.P. Schubert, The a 1933, 55, 4584-4570, Y. Huang, M.C. Mard Fontaine-Aupart, R. F. J. Silver and B. Lukar and their carbonyl ad 279. C.M. Wang and W.S. complexes and five- finingar, Biochemistr	LUS (Copy sher, David nium ions wi lep. Chem., DEN: CJC 2002 ACS ection of car D54 len, J.C. Lar Pansu, J.L. s, Moessba ducts. Mod	right 2002 A R.; Rayner-lith some iron , Simon Fra- HAG Journ ) bon monoxio mbry, M.P., Martin and C uer studies & els for the ac ion of the visieme comple , 4960.	Journal writte CCs) Canham, Geof complexes or ser Univ., Burn al written in Er de on iron and Photolysis of th 2. Poyart, J. An on protoporphy trive site of cyt ible and Soret xes with the si	in English rey W.; Sut intaining co naby, B. C., iglish. CAI cobalt comp ine histidine- in. Chem. So rin IX iron (I cochromes P spectra of o coctra of ox	ion, Derek ordinated of Can. Con 81:3272 elexes of coneme-cart. c., 1991, I) solution 450, Inon- iioxygen-aioxy	. Ligand ab cysteine, m. an. J. Cher. 8 AN 197 ysteine, J. A. con monoxis 113, 9141. s containing g. Chim. Ac and carbon r-, and deox	AN straction in the aleonitrile dithin (1974), 4:432728  Am. Chem. Science of the complex, a sulfur ligandita, 1984, 91, monoxide-hei cyhemoglobor	
	36 37 38 39 40	1990-418859 CAPI Carroll, James A.; Fis reaction of aryldiazor or triarylphosphine, D. 52(10), 1914-22. CC CAPLUS (Copyright M.P. Schubert, The a 1933, 55, 4584-4570. Y. Huang, M.C. Mard Fontaine-August, R. F. J. Silver and B. Luka and their carbonyl ad 279. C.M. Wang and W.S. complexes and five-capital principal p	LUS (Copy sher, David tium ions will be p. Chem., DDEN: CJC 2 2002 ACS letion of car D54 len, J.C. Lan Pansu, J.L. s, Moessba ducts. Modi v, 1879, 18, V, 1979, 18, V.V. Dubraw- ligands, in	right 2002 A R.; Rayner-I ith some iror , Simon Fra- HAG Journ- ) bon monoxio mbry, M.P., Martin and C uer studies c els for the ac ion of the vis ieme comple , 4960. sky. Prepara organic Chet	Journal writte CCS) Canham, Geofi complexes or ser Univ., Burnal written in Er de on iron and Photolysis of th . Poyart, J. An on protoporphy tive site of cyt ible and Soret tible and Struct inistry (1981), 2 inistry (1981), 2	in in English irey W.; Sut intaining co haby, B. C., glish. CAl cobalt comp he histidine- h. Chem. Sc rin IX iron (I cohnomes P spectra of oc pectra of ox ire of ethyle 20(4), 1142- 20(4), 1142-	n. CAN 1  Ion, Derek predinated in Can. Con. 81:3272  elexes of coneme-cart ic., 1991, I) solution 450, Inor ilioxygen- i	i. Ligand ab cysteine, m an. J. Cher 8 AN 197 ysteine, J. J. con monoxi 113, 9141. s containing g. Chim. Ac	AN straction in the aleonitrile dithin, (1974). 4:432728 Am. Chem. Scr. de copmplex, g. sulfur ligandita, 1984, 91, monoxide-heicyhemoglobor e complexes	
	36 37 38 39 40 41 42	1990-148859 CAP.  Carroll, James A.  Carroll, James A.  Captul, 1914-22. CC  EQ. 1914-22. CC  EQ. 1914-23. CC  EQ. 1914-23. CC  EQ. 1914-23. CC  EQ. 1914-24. CC  EQ. 1914-25. CC  EQ. 1914-25. CC  EQ. 1914-25. CC  EQ. 1914-25. CC  EQ. 1914-26.	JUS (Copy sher, David itum lons w lep. Chem., DDEN: CJC 2002 ACS cition of car. D54 len, J.C. Lar ansu, J.L. s, Moessba ducts. Mod. , A correlati coordinate h y, 1979, 18, V.7 Dubraw ligands, In al complex um(II), iridiu 33Ru(Cl)(p)	right 2002 A R.; Rayner-ith some iror Simon Fra HAG Journ.) bon monoxid mbry, M.P.; Martin and G uer studies of eles for the ar sion of the vision ski, Prepara organic Chee es of biologia m(III) and ru- CLIJZ, Orga	Journal writte CCS) Canham, Geofi complexes or complexes or complexes or complexes or low plant and written in Er de on iron and Photolysis of the Poyart, J. Art protoporphistics site of cyte ible and Soret ixas with the spinistry (1981), 2 lastly important thereium(II) froncent. Chem. nomet. Chem.	in in English trey W.; Sut intaining co alaby, B. C. cobalt comp he histidine- h. Chem. Sc rin IX iron (lo concret of oxy core of ethyle 20(4), 1142- ligands, LX3 n 1996, 517 1	in. CAN 1  Ion, Derek ordinated in  Can. C  N 81:3272  elexes of c  neme-cart ic., 1991, i) solution  450, Inon  ioxygen-i i-, carboxy  nediamine  1150.  CXVII alph dged orth 91	13:16859  Ligand ab pysteine, man J. Cherena. J. Chere	AN straction in the aleonitriledithin (1974). 4:432728 Am. Chem. Scide copmplex, sulfur ligandita, 1984, 91, monoxide-heighendideline in complexes recomplexes recomplexes recomplexes and the strategies of the strategies and the strategie	
	36 37 38 39 40 41 42 44	1990:418859 CAP. I Carroll, James A. (Carroll, James A. (Carroll, James A. (Caproll, Jame	LUS (Copy, sher, David illum ions whep, Chem., DDEN: CJC DDEN: CJC 2002 ACS lection of car. D54 len, J.C. Langansu, J.L. and January ansu, J.L. and January	right 2002 A R.; Rayner-ith some iror Simon Frar- thAG Journ.) bon monoxid mbry, M.P.; Martin and G user studies dels for the at ion of the vis- seme comple. 4960. ske propara xyganic Chet mg(III) and mg(III) and mg(III) and mg(III) and mg(III) and mg(III) and mg(III) and mg(III) and mg(III) and mg(III) and yganic Chet yganic Chet yganic yganic yganic	Journal writte  SS  Sanham, Geofe  S	in in English trey W.; Sut intaining co alaby, B. C. obalt comp ine histidine- in. Chem. Sc in IX iron (i cochromes P spectra of ox cochromes P spectra of ox cochromes P spectra of ox in IX iron (i cochromes P spectra of ox in IX iron (i cochromes P spectra of ox in IX iron (i cochromes P spectra of ox in IX iron (i cochromes P spectra of ox in IX iron (i cochromes P spectra of ox in IX iron (i cochromes P spectra of ox in IX iron (i cochromes P spectra of ox in IX iron (i cochromes I cochrome	ion, Derekordinated con Can. Con. Con. Con. Con. Con. Con. Con. Co	13:16859  , Ligand ab pysteine, man J. Cherene, man J. State Man, and carbon per J. Man, and J. Man,	AN straction in the str	
	36 37 38 39 40 41 42 44 45	1990-148859 CAPI. Carroll, James Neteron of anyidiazon or trianyiphosphine, D. Carroll, James Neteron of anyidiazon or trianyiphosphine, D. CAPILUS (Copyright) M.P. Schubert, The a. 1933, 55, 4564-4570 Y. Huang, M.C. 1933, 55, 4564-4570 Y. Huang, M.C. 1933, 55, 4564-4570 Y. Huang, M.C. 1934, 1	LUS (Copy, sher, Copy, sher, David ilium ions whep, Chem., DDEN: CJC DDEN: CJC 2002 ACS tetion of car D54 len, J.C. Lai answer, J.C. Lai answer, J.C. Lai answer, J.C. Lai answer, A. Correlati coordinate hy, 1979, 18, V. Dubraw ligands, Inc. al complex unim(II), indium(III), indium(IIII), indium(IIII), indium(IIII), indium(IIII), indium(IIIII), indium(IIIII), indium(IIIIIIII), indium(IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	inight 2002 A R., Rayner-ith some incr , Simon Fra HAG Journ ) bon monoxie mbry, M.P., Martin and C uer studies c eles for the action of the vis- terme complex , 4960. ski, Preparar ski, Preparar granic Cher so of biologic multilla de action of the complex of the complex of the properties of the complex of the complex of the complex of the properties of the complex of the complex of the complex of the complex of the properties of the complex of t	Journal writte  (S)  Zanham, Geofe  CS)  Zanham, Geofe  Complexes complexes complexes  seer Univ., Burn  I written in Er  6 et ni ron and  Photolysis of #6  Photolysis of #7  Photolysis of #7  Photolysis of #7  Photolysis of #8  I Physart, J. Ar  In protoporphy  tible and Soret  xes with the si  ion and structh  instry (1981), 2  ally important  thenium(II) fron nomet. Chem.  Comment. Chem.  CS-hullz  Teffects in human  ing soluble gu	in in Englist rey W.; Sut intaining co naby, B. C., anaby, B. C., anaby, B. C., egilish. CAi cobalt complete histidine-in. Chem. Sci. nin IX iron (I cohromes P spectra of o coectra of oxygare of ethyle 10(4), 1142-116, and chloro-bin 1996, 517; G and Koer, platelets. N. anytyl cyclastic platelets. N. anytyl c	n. CAN 1 ton, Derek ordinated in Can. C Can. C N 81:3272 elexes of c neme-cart ic., 1991, I) solution 4450, Inor iioxygen- i r-, carboxy nediamine 1150. CXVII alph dged orth 91 sling D. Yd fol Pharm ie to beco	. Ligand abcysteine, m. can. J. Chernan. J. Chim. Acan. Carbon. Acan. Chernan. J. Chernan. J. Chim. Acan. Chernan. J. Chernan.	AN straction in the str	
	36 37 38 39 40 41 42 44 45	1990-118859 CAP. Carroll, James A. Carroll, James N. Carroll, James N. Salvanian C.	LUS (Copy, Manager 1997) LUS (Copy, Manager 19	inight 2002 A R. Rayner-ith some iror Simon Fra- HAG Journ Don monoxis mbry, M.P., Martin and C user studies of eles for the ac- sion of the visience comple 4.4960. ski, Prepara organic Chete so of biologis m(III) and ru- C-LI/2. Organic Chete of the visience of the complexity of the complexity of the complexity of the complexity of the complexity of the complexity of the complexity of the complexity of the complexity of the complexity of the complexity of the complexity of t	Journal writte CS)  Zanham, Geofe complexes complexes complexes per Univ., Burnal per de on iron and a photolysis of the	on in Englist frey W.; Sut tritaining co- taby, B. C., selection of co- cobalt compa- se histidine- 1. Chem. Sci. frin IX iron (I co- chromes P spectra of co- cortra of co- cortra of co- cortra of co- patelets. It and the co- patelets. It anylyl cyclas and -indep and -ind	in. CAN 1 ton, Derek ordinated in Can. C Can. C N 81:3272 elexes of c neme-cart ic., 1991, i) solution 450, Inon iioxygen- ir, carboxy r, carboxy SXVII alph dged orth gg 1150. XVVII alph dged orth gg 100 I Pharm ie to beco	13:16859  Ligand absysteine, m. an. J. Chere 18: AN 197  ysteine, J. J. Son monoxidity of the 197  con	AN straction in the adecomplishment. In 1974), 4:432728 Ann. Chem. Scide compress, 2 suffur ligandia, 1984, 91, monoxide-height model of the strategic of the suffur ligandia, 1984, 91, monoxide-height model of the suffur ligandia and suff	

Examiner: Initial inferience considered, whether or not distion is in conformance with MPEP 600; Draw line through obtain if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-AR29 (Also PTO-1449)

Sheet 4 of 4 ATTY, DOCKET NO. SEDIAL NO. INFORMATION DISCLOSURE CITATION 620-370 10/535.226 APPLICANT MOTTERI INI et al. (Use several sheets if necessary) FILING DATE CROUP May 17, 2005 1614 U.S. PATENT DOCUMENTS FILING DATE DOCUMENT NUMBER DATE CLASS SUBCLASS IF APPROPRIATE INITIAL OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.) 47 Moncada S. Palmer RMJ and Higgs EA. Nitric oxide: physiology, pathophysiology, and pharmacology.

OTHER DOCUMENTS (Including Author, 11te, Date, Pertinent pages, etc.)
47 Moncase S- Palmer MM and Higgs EA. Niter cooks physiology, pathophysiology, and pharmacology.
18 Montane Medical Medical (18 Author)
18 Montane Medical (18 Author)
18 Montane

Summer State Conditions

Examinar: Initial if reference considered, whether or not obtains in conformance with MP-2\* 500, Draw time through obtains if not in communication to application.

Form PTO-FB-ABZO (Also PTO-1449)

Form PTO-FB-A620 (Also PTO-1449)